

DaimlerChrysler AG

Patent Claims

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1. A display and indication method for issuing danger warnings, in particular in a motor vehicle (1), having the steps:

- determination of an urgency level of the danger
10 warning to be issued,
- selection of one of a plurality of predefined display/indication modes as a function of the determined urgency level, and
- display/indication of the danger warning with the
15 selected display/indication mode,
characterized in that
- at least one of the display/indication modes comprises a voice output and at least one further display/indication type which warn about the danger,
20 with only the voice output containing information about the determined urgency level.

2. The display/indication and indication method for issuing danger warnings, in particular as claimed in
25 claim 1, having the steps:

- determination of an urgency level of the danger warning to be issued,
- selection of one of a plurality of predefined.
display/indication modes as a function of the
30 determined urgency level, and
- display/indication of the danger warning with the selected display/indication mode,
characterized in that
- at least one of the display/indication modes
35 comprises a single voice output which warns about the danger and includes information about the determined urgency level.

3. The display and indication method as claimed in claim 1 or 2, characterized in that for a determined first urgency level which corresponds to a low degree of urgency a display/indication mode is selected in which only the voice output or the single voice output includes a danger distance indication which represents the low degree of urgency.

4. The display and indication method as claimed in one of claims 1 to 3, characterized in that for a determined second urgency level which corresponds to a high degree of urgency a display/indication mode is selected in which only the voice output or the single voice output includes a warning which represents the high degree of urgency.

5. The display and indication method as claimed in one of claims 1 to 4, characterized in that the voice output and/or a visual display/indication include information about a type of danger in all the selectable display/indication modes.

6. The display and indication method as claimed in one of claims 1 to 5 for a motor vehicle, characterized in that, in order to determine the urgency level, vehicle-external data and/or data from a vehicle-mounted sensor unit is evaluated.

7. A display/indication device for issuing danger warnings, in particular for carrying out the method as claimed in one of claims 1 to 6, having
- a control/evaluation unit (2) for determining an urgency level of the danger warning to be issued and for selecting one of a plurality of predefined display/indication modes as a function of the determined urgency level, and

- a display/indication device (3) for issuing the danger warning with the selected display/indication mode, characterized in that

5 - the display/indication device (3) comprises a voice output unit (3.2) and a further display/indication unit (3.1) which warn against danger by means of at least one of the display/indication modes, with only the voice output unit (3.2) outputting information about the degree of urgency.

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8. The display/indication device as claimed in claim 7, characterized in that only the voice output unit (3.2) outputs a distance indication which represents a low degree of urgency if the control/evaluation unit
15 (2) determines a first urgency level which corresponds to the low degree of urgency.

9. The display/indication device as claimed in claim 7 or 8, characterized in that only the voice output
20 unit (3.2) outputs a warning which represents a high degree of urgency if the control/evaluation unit (2) determines a second urgency level which corresponds to the high degree of urgency.

25 10. The display/indication device as claimed in one of claims 7 to 9, characterized in that a visual display unit (3.1) and the voice output unit (3.2) output information about a type of danger.

30 11. The display/indication device for issuing danger warnings as claimed in one of claims 7 to 10 for a motor vehicle, characterized in that, in order to determine the urgency level, the control/evaluation unit (2) evaluates vehicle-external data from a data
35 receiver unit (4) and/or data from a vehicle-mounted sensor unit (5).